

Appl. No. 10/812,644
Amdt. Dated September 4, 2007
Reply to Office Action of June 04, 2007

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Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-13 (canceled)

Claim 14 (new): A digital camera module for use in a portable electronic device, comprising:

a lens holder, comprising a base and a tube element for receiving a lens;
and

a printed circuit board;

wherein the tube element is disposed on the base, the base comprises a bottom portion engaging with the printed circuit board, the bottom portion comprises a first sidewall, a third sidewall opposite to the first sidewall, and a second sidewall interconnecting the first sidewall and the third sidewall, at least one of the first and the third sidewalls has a holder means for holding the printed circuit board, the second sidewall has a support means for supporting the printed circuit board, and the printed circuit board is located within the holder means and the support means.

Claim 15 (new): The digital camera module as claimed in claim 14, wherein the tube element is a cylinder.

Claim 16 (new): The digital camera module as claimed in claim 15, wherein the tube element extends from a top of the base.

Claim 17 (new): The digital camera module as claimed in claim 14, wherein the holder means is a projection extending from an inner surface of the first sidewall or the third sidewall.

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Claim 18 (new): The digital camera module as claimed in claim 14, wherein the support means extends from an inner side of the second sidewall.

Claim 19 (new): The digital camera module as claimed in claim 18, wherein the support means has at least one projection formed thereon, each projection being configured for positioning the printed circuit board.

Claim 20 (new): The digital camera module as claimed in claim 19, wherein the printed circuit board defines at least one positioning hole therethrough corresponding to at least one projection, and each projection engaging into corresponding positioning hole facilitates the positioning of the printed circuit board with the base.

Claim 21 (new): The digital camera module as claimed in claim 14, wherein the bottom portion further comprises a fourth sidewall, the first, the second, the third, and the fourth sidewalls, the holder means, and the support means cooperatively define a slot configured for securing the printed circuit board.

Claim 22 (new): The digital camera module as claimed in claim 21, wherein the fourth sidewall has a support means for supporting the printed circuit board.

Claim 23 (new): A portable electronic device, comprising:

a camera module, comprising:

a lens holder, comprising a base and a tube element for receiving a lens; and

a printed circuit board;

wherein the tube element is disposed on the base, the base comprises a bottom portion engaging with the printed circuit board, the bottom portion comprises a first sidewall, a third sidewall opposite to the first sidewall, and a second sidewall interconnecting the first sidewall and the

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third sidewall, at least one of the first and the third sidewalls has a holder means for holding the printed circuit board, the second sidewall has a support means for supporting the printed circuit board, and the printed circuit board is located within the holder means and the support means.

Claim 24 (new): The digital camera module as claimed in claim 23, wherein the tube element is a cylinder extending from a top of the base.

Claim 25 (new): The digital camera module as claimed in claim 23, wherein the holder means is a projection extending from an inner surface of the first sidewall or the third sidewall.

Claim 26 (new): The digital camera module as claimed in claim 23, wherein the support means extends from an inner side of the second sidewall.

Claim 27 (new): The digital camera module as claimed in claim 26, wherein the support means has at least one projection formed thereon, the printed circuit board defines at least one positioning hole therethrough corresponding to at least one projection, and each projection engaging into corresponding positioning hole facilitates the positioning of the printed circuit board with the base.

Claim 28 (new): The digital camera module as claimed in claim 23, wherein the bottom portion further comprises a fourth sidewall, the first, the second, the third, and the fourth sidewalls, the holder means, and the support means cooperatively define a slot configured for securing the printed circuit board.

Claim 29 (new): The digital camera module as claimed in claim 28, wherein the fourth sidewall has a support means for supporting the printed circuit board.